

This listing of claims will replace the originally filed claims in the application.

Listing of Claims

1. (Amended) An ultrasound imaging system, comprising:

an ultrasound probe adapted to be placed in an instrument working channel of an endoscope, the ultrasound probe having a probe housing; an ultrasound transducer mounted within the probe housing; and an elongate flexible cord extending from the probe housing, the elongate flexible cord being adapted to fit through the instrument working channel of the endoscope and operably connect the ultrasound transducer with a computer; and

a biomarker mounted on the ultrasound probe.
2. (New) The ultrasound imaging system of claim 1 wherein the ultrasound probe further includes an ablation device.
3. (New) The ultrasound imaging system of claim 1 wherein the ultrasound probe further includes a galvanometer.
4. (New) The ultrasound imaging system of claim 1 wherein the biomarker includes a MEMS housing constructed of a biocompatible material.

5. (New) The ultrasound imaging system of claim 4 wherein the biomarker includes a wave-guide feature that is integral with the MEMS housing and adapted to resonate when struck by an excitation signal.
6. (New) The ultrasound imaging system of claim 4 wherein the wave-guide feature includes a plurality of wave-guide rods that are integral with and extend from a dielectric base.
7. (New) The ultrasound imaging system of claim 6 the plurality of wave-guide rods are disposed on a plane and in parallel orientation.